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No. 29]

नई दिल्ली, शनिवार, जुलाई १८, १९७० (आषाढ़ २७, १८९२)
NEW DELHI, SATURDAY, JULY 18, 1970 (ASADHA 27, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग्न संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 18th July 1970

NOTICE

The ORDER issued by the Controller of Patents and Designs on the 2nd July, 1970 in exercise of the powers conferred on him by sub-section (2) of Section 78D of the Indian Patents and Designs Act, 1911 is reproduced below for the information of the public:—

GOVERNMENT OF INDIA

OFFICE OF THE CONTROLLER-GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

Central Building,
Maharshi Karve Road, Bombay,
the 2nd July, 1970.

ORDER

In exercise of the powers conferred on the Controller by sub-section (2) of Section 78D of the Indian Patents and Designs Act, 1911 (2 of 1911) and in continuation of my orders, dated the 28th June, 1969 and the 26th December, 1969, I, S. Vedaraman, Controller of Patents and Designs, hereby extend in respect of every application referred to in sub-sections (1) and (5) of Section 78B and in sub-sections (1) and (4) of Section 78C of the said Act the period specified in the said Act, on the expiry of which,—

- (i) such application for a patent shall be deemed to have been refused,
- (ii) the patent applied for in such application shall not be sealed.

up to and including the 10th day of July, 1971.

Sd./- S. VEDARAMAN,
Controller of Patents and Designs
2-7-1970.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

27th June 1970

127289. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic preparation of lead dioxide powder.
127290. J. J. David. Improved suction valve for air or gas compressors or vacuum pumps of the reciprocating type.
127291. Central Machine Tool Institute. Speed sensing and braking unit for induction motor.
127292. G. G. Reddy. Improved oscillator.
127293. Schering Aktiengesellschaft. Substituted phenyl-carbamates.
127294. Schering Aktiengesellschaft. Water-soluble corticoids.
127295. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunning. Thermoplastic polyester moulding compositions containing sodium fluoride.
127296. J. M. Y. V. D. Abreu. Safety system for hand grenades.
127297. Hindustan Lever Limited. Dentifrice composition.
127298. M. C. Presnick. Lightweight collapsible shipping container.
127299. Centre Stephanois De Recherches Mecaniques Hydro-mecanique Et Frottement. A method of and apparatus for breaking up solid, porous and especially vegetable bodies. (21st August 1969).
127300. Esso Research and Engineering Company. Glycol drying in a methyl chloride dehydration plant.
127301. Imperial Chemical Industries Limited. Manufacture of pyridine derivatives. (8th July 1969).

127302. Armeo Steel Corporation. Metallic coating method. [Addition to No. 114568].

29th June 1970

127303. B. Barthakur. Sliding cone rice polisher. [Addition to No. 113216].

127304. Shell Internationale Research Maatschappij N. V. Fuel compositions. (30th June 1969).

127305. Shell Internationale Research Maatschappij N. V. Fuel compositions. (27th October 1969).

127306. Lansing Bagnall Limited. Improvements in mounting devices for thyristors. (2nd July 1969).

127307. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Benzodiazepine derivatives.

127308. Rotary Hoes Limited. Blade for a rotary cultivator (1st July 1969).

127309. R. G. DePenning. Transport for particulate material.

127310. R. G. DePenning. Development electrode.

127311. R. G. DePenning. Electroded development device.

127312. R. G. DePenning. Cleaning apparatus.

127313. R. G. DePenning. Development apparatus.

127314. S. D. Thirumal Rao, A. Gantama, C. Marayana and B. R. Reddy. Improvements in or relating to the purification of salsced oil.

127315. Johnson & Johnson. Foamed adhesive bandage.

127316. Sola Basic Industries, Inc. Vacuum oil quench furnace.

127317. A. G. Amelin, J. A. Bystrov, B. T. Vasiliev, L. F. Donchenko, I. V. Ilgisonis, M. D. Mazo, G. M. Morkovin and J. V. Filatov. Gas oxidation contact apparatus.

127318. Institut Gornogo Dela Imeni A. A. Skochinskogo. Hydraulic coupling.

127319. Columbia Broadcasting System, Inc. Film recording method and apparatus. [Divisional date 20th November 1968].

127320. The Bengal Coal Company Limited. Scraper or chain conveyors and flights therefor.

30th June 1970

127321. Council of Scientific and Industrial Research. Separation of protein fractions from blood plasma.

127322. Council of Scientific and Industrial Research. An improved design of the log periodic dipole antenna for beam compression and gain improvement.

127323. N. N. A. K. Maliki. Soap suspender.

127324. G. A. Bergman. An arrangement in impact piston machines for drilling and like operations, driven by a two stroke internal combustion engine.

127325. G. A. Bergman. An impact piston machine for boring, chiseling and like operations, having a drive piston and an impact piston.

127326. The Goodyear Tire & Rubber Company. Improvements in pneumatic tire.

127327. Sulzer Brothers Limited. Improvements in and relating to the withdrawal of heat from a gas stream.

127328. Ducellier Et Cie. Lighting apparatus.

127329. United States Steel Corporation. Edge-rolling stand for steel slabs or the like. [Divisional date 20th March 1969].

127330. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of alkali xanthates.

127331. Fichtel & Sachs AG. Improvements in or relating to multispeed gear hubs.

127332. Voith Getriebe KG. Hydrodynamic device with resilient windage diaphragm.

127333. Tsentralny Ordena Lenina Institut Gematologii i pere-livania krovi. Process for the production of medium-molecular fraction of partially hydrolyzed dextran.

127334. Ciba Limited. Process for the manufacture of thiazacyclic hydroxy compounds.

127335. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of high molecular weight polyesters for injection moulding purposes.

127336. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic molding compositions based on saturated polyesters.

127337. Kwowa Hakko Kogyo Kabushiki Kaisha. A process for producing L-lysine by fermentation.

127338. Rotary Hoes Limited. Blade for a rotary cultivator. (1st July 1969).

127339. Lonza Ltd. A supplement for animal feedstuffs.

127340. Montecatini Edison S.p.A. Process for the preparation of copper cement free of arsenic, starting from acid arsenical solutions.

127341. N. V. Philips Gloeilampenfabrieken. Acid electroplating bath for depositing tin.

127342. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device manufactured by said method.

1st July 1970

127343. Srimati Sabita Gupta. D. C. magnetic contactor.

127344. P. R. Gupta. Process for re-charging dry-cell and wet storage batteries and a battery charger and a battery charger-cum-eliminator.

127345. Mitsubishi Jukogyo Kabushiki Kaisha and Mitsubishi Petrochemical Company Limited. Tube furnace for heating.

127346. Merlin Gerin. Polyphase circuit interrupter of the fluid blast puffer type.

127347. Krka tovarna zdravil. Imidazole derivatives.

127348. Krka tovarna zdravil. Process for preparing imidazole derivatives.

127349. Richter Gedeon Vagyaszeti Gyar R. T. New partially protected basic amino acids and peptides.

127350. Minnesota Mining and Manufacturing Company. Aquatic herbicide.

127351. Sandoz Ltd. Process for the dyeing and printing of polyamide and polyurethane textile fibres.

127352. Union Carbide Corporation. Biochemical oxidation with low sludge recycle.

127353. Union Carbide Corporation. Bio-oxidation with low sludge yield.

127354. Union Carbide Corporation. Staged oxygenation of bod-containing water.

127355. Union Carbide Corporation. High oxygen utilization in bod-containing water treatment.

127356. Union Carbide Corporation. Cyclic oxygenation of bod-containing water.

127357. Uss Engineers and Consultants, Inc. Can stock with differential protective coatings.

127358. Associated Electrical Industries Limited. Protective relays. (2nd July 1969).

2nd July 1970.

127359. V. K. P. S. U. Menon. A double U-bolted, socket ended snail type strain clamp.

127360. Schering Aktiengesellschaft. α -18-methyl-17 α -alkynyl- Δ^1 -oestren-17 β -ols.

127361. Centre De Recherches De Pont-A-Mousson. Core support device for a centrifugal casting machine.

127362. The Dunlop Company Limited. Extrusion head.

127363. Bohna Engineering and Research Inc., Method of producing concentrated phosphoric acid compounds from monocalcium phosphate.
127364. Pfizer Corporation. Recovery process for fermentation products.
127365. British Industrial Plastics Limited. A process for making improved urea formaldehyde foams. (17th July 1969)
127366. Metallurgical Processes Limited. Imperial Smelting Corporation (N.S.C.) Limited. Improvements in or relating to condensation of metal vapour. (4th July 1969).
127367. Ciba Limited. Process for the manufacture of pre-pregs.
127368. The Wellcome Foundation Limited. Cell lines. (3rd July 1969).
127369. Beecham Group Limited. Pencillins. (3rd July 1969)
127370. Kumiai Chemical Industry Co., Ltd. Fungicidal, insecticidal and miticidal compositions and method for using said compositions.
127371. Yeda Research and Development Co. Ltd. Polymer-halogen complexes their preparation and use.
- 3rd July 1970
127372. A. P. Wagle. A capacitance transducer for the measurement of leased warp-sheet tension during sizing and weaving.
127373. Council of Scientific and Industrial Research. Improvements in or relating to prestressed burnt clay blocks for floors and roofs
127374. Universal Oil Products Company. Hydrocarbon conversion process and catalyst therefor.
127375. Universal Oil Products Company. Process for producing a mixture of high purity C₁ aromatic hydrocarbons.
127376. Glaxo Laboratories Limited. Pharmaceutical compositions containing new oxadiazole derivatives. (31st March 1967). [Divisional date 27th March 1968].
127377. Glaxo Laboratories Limited. Pharmaceutical compositions containing new oxadiazole derivatives. [Divisional date 20th May 1968]. [Addition to No. 127376].
127378. C. A. V. Limited. Fuel injection nozzles. (7th July 1969).
127379. Vsesojuzny Nauchno-Issledovatel'sky Institut Zemle-roinogo Massinostroenia. Wheel excavator.
127380. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünning. Stabilized moulding compositions from polyolefins.
127381. The Metal Box Company Limited. Containers. (16th July 1969).
127382. Dow Badische Company. Dyeable pill-resistant polyesters.
127383. Kyodo Shiryō Co., Ltd. Silkworm raising on artificial feed.
127384. Ciba Limited. 2-alkyl-thiazolidine compounds.
127385. N. V. Philips Gloeilampenfabrieken. Device comprising a television camera tube.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the date allowed under Section 78-A of the Act.

117835. Boise Cascade Corporation. Method and apparatus for impregnating corrugated card board. Accepted on 25th June 1970.

Comprising stationary impregnant supply means and stationary suction means.

117967. S. S. Pandya. An attachment for an agricultural implement. Accepted on 1st July 1970.

Comprising a beam pivotally mounted, implements carrying bar passing through a frame and steering rod, and handle, implements.

118054. T. Fukuoka. Apparatus for producing footwear and footwear produced thereby. Accepted on 24th June 1970.

Wherein band main member has at least one band cover member formed separately from said band main member and sandal main body.

118126. Institutul de studii experimentari si proiectare pentru industria cellulozec hirtiei, zbre artificiale si valorificarea stufului. Process for manufacturing chemical cellulose for artificial yarns and fibres from bagasse. Accepted on 27th June 1970.

Characterised in that either saturated steam or water at an initial hydromodulus of 1 : 1, to 1—2 —1 or 2.5 : 1 to 3 is used as a prehydrolysis agent.

118757. R. L. Kapoor. Improvements in or relating to lettering stencil plate. Accepted on 27th June 1970.

Wherein one or more holes or cuts are provided in any geometrical shape for drawing the lines over the letters in such a way that edges and corners of the holes or cuts in which the lettering stencil pen has to rest while in use or in alignment with the top of the letters of the stencil plate.

118902. Council of Scientific and Industrial Research. A process for the production of electrolytically deposited manganese dioxide containing iron. Accepted on 6th June 1970.

Characterised in that iron sulphate is added to the electrolyte solution whereby manganese dioxide containing iron is deposited at the anode.

118912. Oy Tampella Ab. Arrangement for the sealing of the wedge breech block of guns. Accepted on 6th June 1970.

Characterized in that an exchangeable annular collar lodged in a groove is provided at the position which lies opposite the packing ring.

119058. Hercules Incorporated. Synthetic yarn and method of making the same. Accepted on 17th June 1970.

The yarn consisting of a plurality of conjugate synthetic filaments characterized in that it is formed of two plastic materials which are joined at an interface.

119076. K. L. Singh. Method of and means for shaping crucibles or the like. Accepted on 18th June 1970.

Characterized by providing a lateral thrust of fixed or variable magnitude on the wall of the crucible thereby avoiding or at least minimising air pockets in the wall of the crucible.

119147. Ugine Kuhlmann. Process for rearrangement of peroxides of the cyclohexanone. (29th May 1968). Accepted on 24th June 1970.

Comprises contacting peroxide dissolved in an inert polar solvent, with formic acid containing less than 25% water and a small amount of mineral or strong organic acid, at 0 to 40°C.

119151. Societe Des Accumulateurs Fixes Et De Traction. Improvements in or relating to electrochemical generators, more particularly alkaline cells. Accepted on 24th June 1970.

Active material which will constitute the negative electrode is put in annular space between a cup and a mandrel cylindrical and coaxial to cup, and is submitted to a compression in situ.

119169. Sandoz Ltd. Process for the production of azo compounds and materials dyed therewith. Accepted on 24th June 1970.

*Diazotizing an amine of the formula R_1-NH_2 wherein R_1 stands for a diazo component of the benzene or naphthalene series and coupling the diazonium compound with 4-phenyl-3-cyano or acyl-*p*-hydroxyquinone-2.*

119192. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. Accepted on 29th June 1970.

The ground contacting surface of the tread is provided with water absorbing chambers.

119215. Dejeo Tea Company Limited. Automatic weighing machine. Accepted on 30th June 1970.

Comprising a beam balance, a weight, suspension means, an open top container and container restraining means.

119254. Veb Chemiefaserkombinat Wilhelm-Pieck-Stadt Guben. Process for the production of filaments. (13th September 1969). Accepted on 2nd July 1970.

*Adding, before spinning polymeric fibre materials, a polyglycol or a polyglycol ether on *N*-acylamino-alkanoic and on *N*-acyl alkylamino sulfonic acid whereafter the material is spun in the usual manner.*

119296. International Business Machines Corporation. Recording and reproducing apparatus. Accepted on 1st July 1970.

Comprising a recording station a reproducing station, drive means, a store for input signals, a write circuit arranged for supplying input signals, a read circuit arranged for reproducing.

119310. Vsesojuzny nauchno-issledovatel'sky i proektirovatskiy institut metallurgicheskogo mashinostroyeniya. Device for stretching and straightening ingots in a radial plant for continuous metal pouring. Accepted on 30th June 1970.

Characterized in that a hydraulic power cylinder serving to move a straightening roll is articulated to an arm of the top pinch roll for transferring the force of the straightening the ingot to the top pinch roll.

119372. D. K. Saint. Improvements in or relating to an electrical fuse unit. Accepted on 30th June 1970.

Comprising two main parts, fuse carrier, fuse base,—grip, two housings having meters, bolt, connection strip, clamp type washers, vertical strip, base—housings having holes L-shaped spring strip and content spring.

119431. The Goodyear Tire & Rubber Company. Container and method of preparation. Accepted on 30th June 1970.

Container having reticulated foam being integrally connected to its sides are serving to interconnect one side with the other.

119529. Merlin Germ. Arc extinguishing device comprising arc dividing conductive members. Accepted on 30th June 1970.

Comprising arc extinguishing chamber, parallel insulating plate, conductive member having two wings, a web portion.

119541. Sandoz Ltd. Process for the production of basic azo dyes and organic materials dyed, padded or printed therewith. Accepted on 24th June 1970.

*Reacting the compound obtained by coupling 2-amino-6-alkoxy benzothiazole and *N*-*N*-bis (2-chloro-alkyl)aryl amine with a compound of formula $C_6H_5-CH-R_1$ where a R_1 is hydrogen, alkyl or alkyl radical.*

119552. Vdo Tachometer Werke Adolf Schindling GmbH. Flexible shaft disposed within a protective tubing with a play. Accepted on 1st July 1970.

Comprising a tensile cord with radial fixed fibres of elastic-wear-resistant material onto flexible shaft and/or into flexible protective tubing.

119648. Quenot & Cie S.a.r.l. Clutch device for linear measuring instruments with tape. Accepted on 1st July 1970.

Comprising driven and driving elements, one of them having magnetic elements other having ferro magnetic means.

119803. K. R. Dholaria. A safety device for cutting off fuel supply to water cooled diesel engines in the event of failure of cooling water supply. Accepted on 27th June 1970.

A pair of liquid cylinders, a pipe connecting the two cylinders the piston of the first cylinder being loaded by a spring and connected to means adapted to actuate fuel control means and the piston of the second cylinder being adapted to travel with in its cylinder due to the weight of the cooling water from the cooling system of the engine.

119841. The British Petroleum Company Limited. Grease compositions. (20th February 1968). Accepted on 27th June 1970.

Comprising a blend of a lubricating base oil and a substantially non-hydrophilic graphitic carbon.

119859. Union Carbide Corporation. Dry cell with novel venting means. Accepted on 30th June 1970.

Annular seal gasket is disposed on top of the rigid peripheral edge portion of the closure disc overlying the aperture and an L-shaped seal ring of resilient metal is mounted over the upper peripheral edge of the container.

120572. N. V. Philips Gloeilampenfabrieken. Herbicidal composition. Accepted on 30th June 1970.

Herbicide composition characterised in that it contains as active ingredients a mixture of (a) 2, 6 dihalo-benzonitrile (b) one or more halogenated aliphatic carboxylic acids or salts thereof having at the most 4 carbon atoms (c) one or more triazine and (d) a halogenated phenoxy-alkyl-carboxylic acid or a salt or an ester thereof and otherwise conventional carrier materials, surface-active substances and dispersion agents.

120604. Farbwerke Bayer Aktiengesellschaft. Pigment preparations. Accepted on 30th June 1970.

Comprises adding to a neutral or acidic aqueous pigment dispersion (a) resinic acid or salts and (b) primary or secondary cycloaliphatic amines.

120628. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method for one-bath dyeing of blends consisting of synthetic and cellulose fibres. Accepted on 24th June 1970.

Wherein a dispersion dyestuffs a compound of the general formula of the accompanying drawings in which R_1 represents an alkyl group and R_2 represents hydrogen or a substituted or unsubstituted phenyl radical.

120671. Institutul De Proiectari Instalatii Petroliere Ploiesti. Process and apparatus for continuous oxidation of asphalt and asphalt so oxidised. Accepted on 27th June 1970.

Oxidising asphalt by contacting it with a stream of oxidising agent counter currently in a vessel characterised in that the streams are introduced in a rotational fashion.

120689. Institutul De Proiectari Instalatii Petroliere Ploiesti. Oil fractions dewaxing method. Accepted on 27th June 1970.

A process of dewaxing oil fraction of produce dewaxing oil and deoiled wax by mixing the feed stock with an organic solvent, cooling them, crystallising the paraffin and cooling with ammonia characterised in that the mixture of the feed stock and the solvent after being cooled with water is further cooled using a portion of dewaxed oil.

120771. Chemidus Plastics Limited. Improvements relating to tubing and piping of thermoplastics material. Accepted on 24th June 1970.

Providing a method of and apparatus for forming a circumferentially annular internal groove or recess in a thermoplastics pipe by a split cavity mould at the place where the groove is to be formed and a radially expandable moulding ring within the annulus.

121015. Metallgesellschaft A. G. Fuel-burning system in a fluidized bed. Accepted on 27th June 1970.

An air distributor disposed below an array of burner nozzle, a fuel distributor, air supply conduits connecting air distributor to each of burner nozzle, fuel supply conduit extending through wall and connecting fuel distributor and nozzles.

121064. A. R. Balsara. Improvements in or relating to closure arrangements for containers. Accepted on 27th June 1970.

The profile of the lower rim of the vertical wall of the cap having continuous line of contact with external surface of the tapering surface of the shoulder when the cap is fitted on the container.

121102. Phillips Petroleum Company. Carbon black process and reactor. Accepted on 27th June 1970.

Introducing a first portion of the reactants into a preliminary zone, accelerating the velocity of the said reactants proximate the discharge end to the reactor, introducing the reactant mixture into a combustion zone to form a reactant mass to a zone in which principal portion of carbon black is formed.

121103. Phillips Petroleum Company. Process and reactor for producing of carbon black. Accepted on 27th June 1970.

Introducing hydrocarbon and combustion gases into a first zone to form a mixture, passing said mixture into at least one intermediate zone of bigger diameter, passing said mixture into a combustion zone of still greater diameter, introducing at least one hydrocarbon feed and combustion gases into the combustion zone to form reactant mass and passing it to another zone to form carbon black.

121470. G. Kesavan. A process for machining objects to produce spherical objects or objects having convex or concave surfaces. Accepted on 24th June 1970.

Gripping the job firmly in first movably disposed means, gripping the tool firmly in second movably disposed means, bringing the tip of the tool and job in cutting contact, rotatably driving the tool and imparting various angular displacements to the job.

121727. N. V. Philips' Gloeilampenfabrieken. Halogen filament lamp for vehicle headlight. Accepted on 24th June 1970.

Characterised in that a part of a light intercepting screen between the anti-dazzle filament and the wall of the lamp has such a shape that rays from the said filament reflected by said part are reflected at an angle of almost 60° with the lamp axis in a direction remote from the driving light filament.

122506. Eaton Yale & Towne Inc. Change-speed gear system. Accepted on 24th June 1970.

A main shaft, a plurality of countershafts arranged parallel with and substantively symmetrical about the main shaft, a gear encircling and clutchable to the main shaft and first means located adjacent one end of the main shaft for pivotally supporting same and second means for guiding the other end of the main shaft in a free floating relation.

- 122651 J. S. S. Stewart. Apparatus for monitoring the condition of a patient. (9th August 1968). Accepted on 24th June 1970.

Including at least 3 input terminals to which can be applied signals indicating condition of a patient with respect to at least 3 parameters respectively a circuit arrangement for deriving signals denotive of departure of applied signals from predetermined range and means for providing indications.

122688. Monsanto Company. Method of preparing substituted thiazolesulfonamides. Accepted on 24th June 1970.

Reacting an N-substituted-2-thiazole sulfonamide and an amine having at least one replaceable hydrogen.

122800. R. G. DePenning. Machine for bosing and filling even thick liquids into bags of plastic material. Accepted on 24th June 1970.

Comprises a frame rotating with intermittent motion and carrying at its periphery a plurality of jaws, each adapted to be opened and closed as well as to hold by suction the opening borders of the bag to be filled, a plurality of upper dosing cylinders apt to measure and then discharge the dosed filling liquid into the bag placed below.

- 123227 B. Bottger. Tow for swimmers. Accepted on 22nd June 1970.

Comprising a floating, an internal combustion engine carried by former, a propeller driven by engine, a fuel tank, and means for supplying combustion air to the engine from interior of float which is connected to atmosphere.

- 123325 F. Bremshey, Dr. W. Fulling and H. Bremshey. Improvements in or relating to umbrellas. Accepted on 24th June 1970.

Comprises a slider having diametrically opposed wings with struts articulated thereto the struts being coupled to the umbrella ribs in turn articulated to the wings of the umbrella head member.

123821. Matsushita Electric Industrial Co., Ltd. Sealed-type lead storage battery. Accepted on 24th June 1970.

Comprising a reactive element having a water-proofing anod catalytic capacity in the container and an electrolyte impregnated body attached to the element with a portion thereof immersed in the electrolyte.

Patents Sealed

- 111699 113003, 114035, 114156, 114173, 114242, 114276, 114476, 114538, 114539, 114547, 114562, 114601, 114681, 114682, 114685, 114693, 114811, 115184, 115226, 115747, 115837, 115938, 115944, 115960, 115961, 115967, 115994, 116254, 116423, 116795, 116938, 116990, 117570, 117651, 117792, 118091, 118121, 118370, 118371, 118386, 120438, 122868

Application for compulsory licence under Section 22.

An application for compulsory licence filed on 2nd June 1969 by (1) Franco-Indian Manufacturers Ltd., or Bapnu Ghar, Hornby Vellard, Bombay-18, W.B. and (2) Franco-Indian Pharmaceuticals Private Ltd., of 20, Dr. E. Moses Road, Bombay-11BC in respect of Patent No. 55471, filing of which was notified in the Gazette of India, Part III, Section 2, dated 21st June 1969 and opposed by the patentee Shantilal Pranshanker Joshi on 11th July 1969, has been refused.

Renewal Fees Paid

54887.	54901.	54936.	54947.	54977.	55273.	56306.	57755.
57828.	57988.	58082.	58119.	58138.	58252.	58276.	58326.
58583.	58780.	59841.	59842.	59876.	60434.	60496.	60964.
60976.	61909.	61027.	61028.	61051.	61290.	61442.	61488.
61489.	61492.	61508.	61550.	61559.	61696.	61769.	64376.
64468.	64484.	64532.	64661.	64666.	64745.	64859.	64822.
65038.	65252.	65469.	65470.	65512.	65529.	65910.	65914.
66035.	66061.	67421.	67955.	68088.	68096.	68107.	68207.
68208.	68332.	68351.	68415.	68425.	68436.	68464.	68475.
68495.	68563.	68593.	68670.	68693.	68716.	68716.	68716.
68772.	68781.	69006.	69033.	69126.	69301.	69301.	69301.
69316.	69609.	71181.	71396.	71430.	71932.	71932.	71932.
72103.	72124.	72125.	72483.	72460.	72479.	72480.	72480.
72481.	72520.	72554.	82585.	72609.	72625.	72639.	72643.
72651.	72754.	72787.	72788.	73033.	73077.	73157.	73158.
73279.	73297.	73380.	73381.	73381.	73647.	73917.	74474.
74589.	77389.	77451.	77512.	77524.	77532.	77592.	77593.
77665.	77759.	77777.	77778.	77859.	77860.	77861.	77891.
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Restoration Proceedings

An order has been made on the 9th June 1970, restoring the patent No. 93213, dated the 9th April 1964, granted to Naba Kumar Bandopadhyay for 'improved circuit breaker or switch'.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 137047. Eknath Yeshwant Ranade, 917/2, Ganesh-Wadi, Fergusson College Road, Poona-4, State of Maharashtra, India, a Hindu, an Indian subject, "a water-heater", January 19, 1970.

Class 1. No. 137078. Sudhir Sumanlal Shah, an Indian citizen, Narayan Sadan, Ground Floor, Shivaji Park Road No. 1, Mahim, Bombay-16 DD, Maharashtra, India, "foundation bolt", February 2, 1970.

Class 1. No. 137094. Ramesh Chandra Sharma son of Pandit Bhudeo Prashad Sharma, Chanwar Wali Gali, Premier Nagar, P.O. Aligarh (U.P.) Nationality-Indian, "Shutter Lock", February 6, 1970.

Class 1. No. 137095. Splayds Pty. Limited, a Company incorporated under the laws of the State of New South Wales, Commonwealth of Australia, of 62 Margaret Street, Sydney, in the State of New South Wales, Commonwealth of Australia, "A combined knife, fork and spoon", February 6, 1970.

Class 1. No. 137098. Ramesh Dalmia, an Indian National, and trading as Capital Industrial Corporation, 17-C, N.I.T. Faridabad, Haryana, "Air Filling Instrument", February 7, 1970.

Class 1. No. 137113. Dina Nath Berry, Indian National, Sole Proprietor of Modern Watch House, Fountain, Chandni Chowk, Delhi-6, "Rear View Mirror", February 9, 1970.

Class 1. No. 137144. Eknath Yeshwant Ranade, 917/2, Ganesh-Wadi, Fergusson College Road, Poona-4, State of Maharashtra, India, a Hindu, an Indian subject, "A chimney of a water-heater", February 17, 1970.

Class 1. No. 137174. M/s. Annamma Abraham, Plot No. 84 Seethamma Extension, Madras, 18, Tamil Nadu, S. India, Subject of the Indian Republic, "The Telugu Printing Type Fount", February 27, 1970.

Class 1. No. 137208. Jagdish Chander Bhatia (Indian National) Sole Proprietor, Bhatia Surgical Company, Hall Bazar, Amritsar (Punjab), "Surgical Instrument", March 6, 1970.

Class 1. No. 137227. Swadeshi Type Foundry, No. 51, Guruvappa Chetty St., Chintadripet, Madras-2, South India, Indian Partnership Concern, "Printing Types", March 7, 1970.

Class 1. No. 137260. Raja Mechanical Co. (P) Ltd., 33, Deputy Gani, Delhi, an Indian Private Limited Company, "Toy", March 24, 1970.

Class 1. No. 137268. Roll-Tim Co., D-71, Hauz Khas, New Delhi-16, an Indian Partnership Concern, "A device for physical exercise", March 28, 1970.

Class 1. No. 137326. Ram Sarup Jain (an Indian National) Proprietor Jayna Instruments Corporation, F-2/30, Krishna Nagar, Delhi-51, "the 'Pin Cushion'", April 16, 1970.

Class 1. No. 137331. Kith de Fair, 1-A, Prahalad Street, Karol Bagh, New Delhi-5 (India) a proprietary concern whose sole Proprietor is V. S. Luthra, "Needle", April 20, 1970.

Class 1. No. 137341. National Metal Industries (Indian Partnership Firm), 15A, Parel Village Road, Parel, Bombay-12 (Maharashtra), "Container", April 23, 1970.

Class 3. No. 137060. Vi-hwanath Sawalka, of 90, Muktaram Babu Street, Calcutta 7, West Bengal, India, of Indian Nationality "A Building block", January 24, 1970.

Class 3. No. 137090. Jai Plastic Industries, an Indian Partnership Firm, 4/A-B, Industrial Estate, Raipur, Madhya Pradesh, India, "Lampshade", February 5, 1970.

Class 3. Nos. 137091 and 137092. Jai Plastic Industries, an Indian Partnership Firm, 4/A-B, Industrial Estate, Raipur, Madhya Pradesh, India, "Table Lamp", February 5, 1970.

- Class 3. No. 137179. Beecham (India) Private Limited, having its registered office at Beecham House, Mahim, Bombay-16, Maharashtra, Indian Company. "Toothbrush handle", March 2, 1970.
- Class 3. No. 137207. A. K. Rubber Industries, Gulab Devi Road, Jullundur City, Punjab State, an Indian Partnership Firm, "Mat for scooters", March 5, 1970.
- Class 3. No. 137228. Swadesi Type Foundry, No. 51, Gurusvappa Chetty St., Chintadripet, Madras-2, South India Indian Partnership concern, "Printing Types", March 7, 1970.
- Class 3. No. 137240. Ambika Plastics Private Limited, 104, Industrial Area, Chandigarh, Punjab, an Indian Private Limited Company, "Sole of the Ladies Shoe", March 12, 1970.
- Class 3. No. 137257. Vishwanath Sawalka, of 90, Mukhtaram Babu Street, Calcutta-7, West Bengal, India, of Indian Nationality, "A Torch", March 20, 1970.
- Class 3. No. 137267. Kiran Plastics, an Indian Proprietary concern of Savla Chambers, 5th Floor, 40, Caswaji Patel, Street, Fort, Bombay State of Maharashtra, India, "A Pen", March 28, 1970.
- Class 3. No. 137269. Roll-Trim Co., D-71, Hanz Khas, New Delhi-16, an Indian Partnership Concern, "A device for physical exercise", March 28, 1970.
- Class 3 Nos. 137343 and 137344. Vinmold Private Limited, Incorporated in India, of King Edward Road, (Cross Lane), Sewri, City of Bombay, State of Maharashtra, India, "Toys", April 23, 1970.
- Class 4. Nos. 137253 and 137254. Bengal Potteries Limited, 45, Tangra Road, Calcutta-15, State of West Bengal, India an Indian Company, "Crookery for example a dish", March 16, 1970.
- Class 10. Nos. 137182 and 137183. Mona Traders Private Limited, an Indian company incorporated and existing under the Companies Act, 1956 having its registered office at Merchant Chamber, 41 New Marine Lines, Bombay-20, State of Maharashtra, India, "Footwear", March 2, 1970.
- Class 10. Nos. 137232 to 137234. Mona Traders Private Limited, an Indian Company incorporated and existing under the Companies Act (I of 1956) having its registered office at Merchant Chamber, 41 New Marine Lines, Bombay-20, State of Maharashtra, India, "Footwear", March 9, 1970.
- Class 10. No. 137236. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered office at 30 Shakespeare Sarani in the town of Calcutta, West Bengal, "Footwear", March 9, 1970.
- Class 10. No. 137241. Ambika Plastics Private Limited, 104, Industrial Area, Chandigarh, Punjab, an Indian Private Limited Company, "Shoe", March 12, 1970.
- Class 10. No. 137255. Quality Poly Vinyls Private Ltd. (An Indian Company registered in India), 7, Chittaranjan Avenue, Calcutta-13, West Bengal, "P.V.C. Foot Wear", March 20, 1970.
- Class 10. No. 137270. Mrs. Chandrabai Naraindas Chotirmall, Hareesh Naraindas Chotirmall and Bhagwan Naraindas Chotirmall, carrying on business at 501 Kalhadevi Road, Bombay-2, State of Maharashtra, India, "Footwear", March 28, 1970.
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